



Capital Improvement Program FY2013 thru FY2017 Project Request Form

Project Title: BLACKS RUN INTERCEPTOR UPGRADE PROG (911161-48641)
Project Priority: Priority 2
Project Code: sew203
Department: 2012
Project Type: REPLACEMENT
Status: Active

Start Date (FYE): 1991
Completion Date (FYE): Future

Description:

Continued commitment to upgrade infrastructure of the City sanitary sewer collection system following recommendations from the Interceptor Sewer Evaluation Study for the City of Harrisonburg, VA, by Wiley & Wilson, 1989.
 \$8,062,000 Total Project: \$4,805,200 funded to date
 Required funding: \$3,256,800
 Value at 5yr, 3% = \$3,775,600

Explanation:

Allows for continued growth by expanding interceptor pipe capacity, helps to reduce infiltration/inflow by pipe upgrade and reduces maintenance by pipe upgrade.
 2013 - Country Club Road \$300,000
 2013 - Wolfe to Water Street \$50,000
 Other Schedules Incomplete

Alternative:

1. Eliminate stated commitment with possible impact to growth, property, and the environment by down-sizing the scope of work.
2. Delay progressive implementation and opt for future debt funding of a larger comprehensive project with the same scope of work.

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☐ Increase efficiency
- ☒ Increase revenues
- ☒ Improves service
- ☒ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land							\$3,425,600	\$8,580,791
Construction	\$4,805,191	\$350,000						
Equipment								
Other Expenses							\$3,425,600	\$8,580,791
Total	\$4,805,191	\$350,000						
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue	\$4,805,191	\$25,000	\$25,000	\$75,000	\$75,000	\$75,000	\$3,500,600	\$8,580,791
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total	\$4,805,191	\$25,000	\$25,000	\$75,000	\$75,000	\$75,000	\$3,500,600	\$8,580,791
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



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Project Title: OVERSIZING & EXTENSIONS (911161-48650)
Project Priority: Priority 2
Project Code: sew206
Department: 2012
Project Type: NEW
Status: Active

Start Date (FYE): 1998
Completion Date (FYE): Future

Description:

This is a progressive sewer system planning tool for making funds available to accomodate new sewer mains into area previously without public sewer service.

Explanation:

There are three means by which these funds are distributed:
1. Annual review of applications based upon priority types
2. Interdepartmental or city council requests
3. The director's option to enlarge or extend a sewer main within a developers project, beyond the proect's documented needs.

No funding has been shown beyond the five year CIP period

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☒ Increase efficiency
- ☒ Increase revenues
- ☐ Improves service
- ☒ New service
- ☐ Convenience
- ☐ Other

Alternative:

Abandon committment

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land								
Construction	\$1,061,731	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000		\$1,186,731
Equipment								
Other Expenses								
Total	\$1,061,731	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000		\$1,186,731
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue	\$1,061,731	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000		\$1,186,731
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total	\$1,061,731	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000		\$1,186,731
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program

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Project Request Form

Project Title: Management of Collection & Transmission Assets
Project Priority: Priority 2
Project Code: sew211
Department: 2012

Project Type: Not Set
Status: Active

Start Date (FYE): 2013
Completion Date (FYE): Future

Description:

This "Capital Sub-Program" provides funding to manage assets that are integral to the City of Harrisonburg sewer system. These specific assets are operated and maintained under the organization and budget division for collection & transmission functions.

Explanation:

Existing systems will be upgraded, enhanced, expanded, and revitalized through planned management of component assets as mains and manholes. Parameters and strategies include useful life projections, condition assessments, and life cycle analyses of assets. This subprogram makes resources available to allow the Department of Public Utilities to maintain current with new technology and new products and to also preplan the retirement of assets at the optimum replacement stage in their lifecycle.
 2013 - 913 & 918 recommendations 2012
 Future - See asset replacement schedule

Justifications:

- ☐ Mandated
- ☐ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☒ Improves service
- ☐ New service
- ☐ Convenience
- ☒ Other

Alternative:

Reactive Approach

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land								
Construction		\$300,000					\$1,200,000	\$1,500,000
Equipment								
Other Expenses								
Total		\$300,000					\$1,200,000	\$1,500,000
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000		\$1,500,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000		\$1,500,000
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



Capital Improvement Program FY2013 thru FY2017 Project Request Form

Project Title: Management of Transfer & Monitoring Assets
Project Priority: Priority 2
Project Code: sew212
Department: 2012
Project Type: Not Set
Status: Active

Start Date (FYE): 2013
Completion Date (FYE): Future

Description:

This "Capital Sub-Program" provides funding to manage assets that are integral to the City of Harrisonburg sewer system. These specific assets are operated and maintained under the organization and budget division for transfer functions. Existing systems will be upgraded, enhanced, expanded, and

Explanation:

Existing systems will be upgraded, enhanced, expanded, and revitalized through planned management of component assets as pumps and instrumentation. Parameters and strategies include useful life projections, condition assessments, and life cycle analyses of assets. This subprogram makes resources available to allow the Department of Public Utilities to maintain current with new technology and new products and to also preplan the retirement of assets at the optimum replacement stage in their lifecycle.
2013 & 2014 - Fairview Pump Station \$150,000
Future - See Asset Replacement Schedule

Justifications:

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☒ Other

Alternative:

Reactive Approach

Expenditures:	Prior	2013	2014	2015	2016	2017	Future	Total
Planning								
Land								
Construction		\$75,000	\$75,000				\$75,000	\$225,000
Equipment								
Other Expenses								
Total		\$75,000	\$75,000				\$75,000	\$225,000
Funding Sources:	Prior	2013	2014	2015	2016	2017	Future	Total
General Revenue								
Enterprise Revenue		\$75,000	\$75,000	\$25,000	\$25,000	\$25,000		\$225,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total		\$75,000	\$75,000	\$25,000	\$25,000	\$25,000		\$225,000
Operating Impacts:	Prior	2013	2014	2015	2016	2017	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								